FORM (REV I	PTO-13 1-2000)	90 (Modified) U.S. DEP	COMMERCE PATENT AND TRADEMARK OFFICE	ATT(
İ			TTER TO THE UNITED STATES	71745-56434								
		DESIGNATED/EI	LECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR								
		CONCERNINGA	FILING UNDER 35 U.S.C. 371	09/914149								
INTE	RNAT	TIONAL APPLICATION NO PCT/IB00/00219	INTERNATIONAL FILING DATE February 22; 2000	PRIORITY DATE CLAIMED FEBRUARY 22, 199								
TITL	E OF I	NVENTION	Tebruary 22,	FEDRANLY 225/1/1.								
Т	RAN	ISLATION SYSTEM										
B		T(S) FOR DO/EO/US										
			a Bergamini Matthias Hentze									
		Corona Peter Bec										
Appl	icant l	herewith submits to the Un	ited States Designated/Elected Office (DO/EO/US) the	ne following items and other information:								
1.	\boxtimes	This is a FIRST submiss	sion of items concerning a filing under 35 U.S.C. 371									
2.			UBSEQUENT submission of items concerning a filing									
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below.										
4.		The US has been elected by the expiration of 19 months from the priority date (Article 31).										
5.	\boxtimes	• •	nal Application as filed (35 U.S.C. 371 (c) (2))									
<u>-</u> 1			to (required only if not communicated by the Interna	tional Bureau).								
H B s			unicated by the International Bureau.									
[] : .	_	c. \square is not required, as the application was filed in the United States Receiving Office (RO/US).										
· 6.	- D	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).										
ii L		a. is attached hereto.										
:: :: _	_	b. has been previously submitted under 35 U.S.C. 154(d)(4).										
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))										
		a. are attached hereto (required only if not communicated by the International Bureau).										
		b. have been communicated by the International Bureau.										
*			nade; however, the time limit for making such amend	ments has NOT expired.								
			nade and will not be made.									
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT										
		Article 36 (35 U.S.C. 37)	1 (c)(5)).									
11.	\boxtimes	A copy of the International Preliminary Examination Report (PCT/IPEA/409).										
12.	\boxtimes	A copy of the Internation	al Search Report (PCT/ISA/210).									
It	ems 1	3 to 20 below concern do	cument(s) or information included:									
13.		An Information Disclosu	ire Statement under 37 CFR 1.97 and 1.98.									
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
15.		A FIRST preliminary amendment.										
16.		A SECOND or SUBSEQUENT preliminary amendment.										
17.		A substitute specification.										
18.		A change of power of attorney and/or address letter.										
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.										
20.		A second copy of the published international application under 35 U.S.C. 154(d)(4).										
21.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										
22.	⊠ ⊠	Certificate of Mailing by Express Mail										
23.	\boxtimes	Other items or information	n:									
		PCT/RO/101 Request PCT/IB/304	PCT/IPEA/401 PCT/IPEA/402									
		PCT/IR/308	PCT/IPFA/408									

	APPLICATION NO. (IF KNOWN, SEE PRINTERNATIONAL APPLICATION PORTION OF PCT/IB00/00219						9 1	DOCKET NUMBER 15-56434		
24. The	e following fees are su		CALCULATION	IS PTO USE ONLY						
☐ Neither internati	onal search fee (37 CI	ary examination FR 1.445(a)(2))	n fee (37 CFR 1.482)		\$100	00.00				
USPTO	onal preliminary exan but International Sear	50.00								
but inter	onal preliminary exan national search fee (3									
but all c	onal preliminary exan laims did not satisfy p									
Internati and all c	onal preliminary exan laims satisfied provisi	00.00								
	ENTER A	PPROPRI.	ATE BASIC FE	EE AM	OUNT =		\$860.00			
Surcharge of \$1 months from the	30.00 for furnishing the earliest claimed prior	ne oath or declarity date (37 Cl	aration later than FR 1.492 (e)).	☐ 2·	0 🖾 3	0	\$130.00			
CLAIMS	NUMBE	R FILED	NUMBER EXT	ΓRA	RATE	Ξ				
Total claims	47	- 20 =	27		x \$18.0	0	\$486.00			
ndependent cla	ims 4	- 3 =	1		x \$80.0	0	\$80.00			
Multiple Depen	dent Claims (check if				⊠		\$270.00			
			ABOVE CALO			=_	\$1,826.00			
Applicant reduced by	claims small entity sta 1/2.	tus. (See 37 CF	R 1.27). The fees ind	icated abo	ve are		\$0.00			
				SUB	FOTAL	=	\$1,826.00			
Processing fee on the months from the	of \$130.00 for furnishing earliest claimed prior	ng the English ity date (37 Cl	translation later than FR 1.492 (f)).	□ 20) 🗆 30	0 +	\$0.00			
			TOTAL NAT	IONAI	FEE	=	\$1,826.00			
Fee for recordin accompanied by	g the enclosed assignr an appropriate cover	nent (37 CFR 1 sheet (37 CFR	.21(h)). The assignm 3.28, 3.31) (check if	ent must b	e).		\$0.00			
			TOTAL FEES	ENCL	OSED	=	\$1,826.00			
							Amount to be: refunded	\$		
							charged	\$		
b.	A check in the amount Please charge my Depo A duplicate copy of th	osit Account No	oosed.	in the amo	ount of			he above fees.		
	The Commissioner is It of Deposit Account No	-	ed to charge any addit		•		uired, or credit any	overpayment		
	_		. WARNING: Inform on this form. Provide			-	-			
			7 CFR 1.494 or 1.495 re the application to			petitio	on to revive (37 CF	R		
SEND ALL CO	RRESPONDENCE TO	D:			XX	1	7//			
	in (Reg. No. 27026) n, Roberts & Cushm	an		C	SIGNATI	JRE				
	operty Practice Grou	ıp			David G. Conlin					
Edwards & Ar P.O. Box 9169	•				NAME					
Boston, MA 02										
Tel: (617) 439-				27026						
				REGISTRATION NUMBER						
					August 2	2, 20	01 			
					DATE					

TRANSMITTAL LETTER TO THE

Date International Application August 22, 2001

PCT/IB00/00219 UNITED STATES RECEI G OFFICE 71745-56434 Attorney Docket No. PCTUS2.FRP /REV03 PTO-1382 (Rev. 4-1995)

I.	Certification under 37 CFR 1.10 (if a						icable)			JC03	3 Rec'd PC	T/PTO	2 2	! AL	UG 2001	_	
	EL895420299US							7	August 22, 2001							7	
	Express Mail mailing number									Date of Deposit]	
	I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assista Commissioner for Patents, Washington, D.C. 20231.										stal Service d to Assistant	t					
		7	Tallal	m	Rah	1 pl	net	7	Lou	ise M. f	Rappaport					1	
			Signature of p	persoi	n mailing corres	ponden	ice	_		Typed	or printed nam	ame of person mailing correspondence					
II.	New International Application																
	TI	rle	TRANSLATI	ON S	SYSTEM					E	arliest p	oriori	ity date	٦			
												<u> </u>	(Day/M			┨	
	L												Augus	t 16,	1999	J	
	SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):																
	A.																
	B.	B. There is no prior U.S. application relating to this invention.															
	C. The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority).																
		appli	cation no.						filed	on							
		application no.							filed								
	D.		-		ernational app dentified in pa		entical	contains less subject matter than that found in the prior U.S.									
,	The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages and DOES NOT ALTER MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15]					
III.		A R	esponse to an	Inv	itation from t	he RO	/US. The fo	ollowing d	ocume	ent(s) is	(are) enclose	d:					
	A.		A Reque	est fo	r An Extension	n of Ti	me to File a	Response									
	В.	\Box	A Power	r of A	Attornev (Gene	ral or	Regular)										
	B. A Power of Attorney (General or Regular) C. Replacement pages:																
			pages	Т			of the reques	t (PCT/RO/	101)	page	pages		of th	of the figures		٦	
			pages	1	of the descrip			ption	ion pages				of the abstract				
			pages				of the claims									لاست	
	D.		Submissio	ubmission of Priority Documents													
		ſ	Priority document Priority document													7	
	E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex																
IV.	IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette																
V. Other (please specify):																	
'ha =-	***		Applicant	t				David G. Conlin									
he pe igning orm is	this	K 7	Attorney/		t (Reg. No.)	一		1		/Typ	ed name of sig	ner		_			
OTTE 1S	Signature Common Representative Signature																

Signature